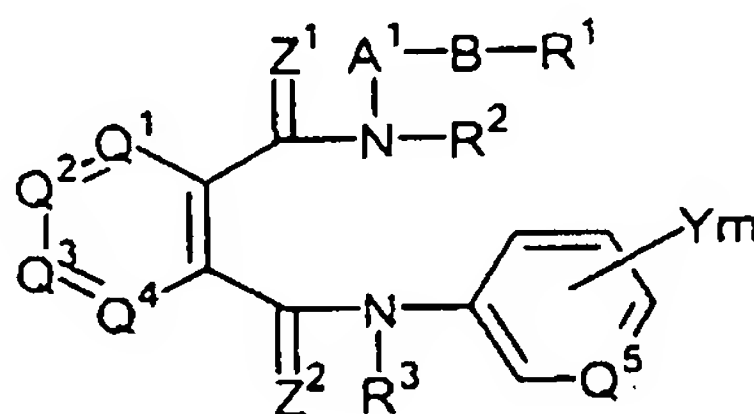


**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

Claim 1. (previously presented) An aromatic diamide compound represented by the following general formula (I) or a salt thereof:



{wherein A<sup>1</sup> is a (C<sub>1</sub>-C<sub>8</sub>)alkylene group; a substituted (C<sub>1</sub>-C<sub>8</sub>) alkylene group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups and phenyl group; a (C<sub>3</sub>-C<sub>8</sub>)-alkenylene group; a substituted (C<sub>3</sub>-C<sub>8</sub>)alkenylene group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylthio(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups and phenyl group; a (C<sub>3</sub>-

C<sub>8</sub>)alkynylene group; or a substituted (C<sub>3</sub>-C<sub>8</sub>)alkynylene group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups and phenyl group;

in the (C<sub>1</sub>-C<sub>8</sub>)alkylene group, the substituted (C<sub>1</sub>-C<sub>8</sub>) alkylene group, the (C<sub>3</sub>-C<sub>8</sub>)alkenylene group, the substituted (C<sub>3</sub>-C<sub>8</sub>) alkenylene group, the (C<sub>3</sub>-C<sub>8</sub>)-alkynylene group or the substituted (C<sub>3</sub>-C<sub>8</sub>)alkynylene group, any saturated carbon atom may be substituted with a (C<sub>2</sub>-C<sub>5</sub>)alkylene group to form a (C<sub>3</sub>-C<sub>6</sub>)cycloalkane ring; further in the (C<sub>1</sub>-C<sub>8</sub>)alkylene group, the substituted (C<sub>1</sub>-C<sub>8</sub>) alkylene group, the (C<sub>3</sub>-C<sub>8</sub>)alkenylene group or the substituted (C<sub>3</sub>-C<sub>8</sub>) alkenylene group, any two carbon atoms may be combined with an alkylene group or an alkenylene group to form a (C<sub>3</sub>-C<sub>6</sub>)cycloalkane ring or a (C<sub>3</sub>-C<sub>6</sub>)cycloalkene ring;

B is -C(=N-OR<sup>4</sup>)- (wherein R<sup>4</sup> is a hydrogen atom; a (C<sub>1</sub>-C<sub>6</sub>)alkyl group; a halo(C<sub>1</sub>-C<sub>6</sub>)alkyl group; a (C<sub>3</sub>-C<sub>6</sub>)alkenyl group; a halo(C<sub>3</sub>-C<sub>6</sub>)alkenyl group; a (C<sub>3</sub>-C<sub>6</sub>)alkynyl group; a (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a phenyl(C<sub>1</sub>-C<sub>4</sub>)alkyl group; or a substituted phenyl(C<sub>1</sub>-C<sub>4</sub>)alkyl group having, on the ring, one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-

C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups);

R<sup>1</sup> is a hydrogen atom; a (C<sub>1</sub>-C<sub>6</sub>)alkyl group; a halo(C<sub>1</sub>-C<sub>6</sub>)alkyl group; a (C<sub>2</sub>-C<sub>6</sub>)alkenyl group; a halo(C<sub>2</sub>-C<sub>6</sub>)alkenyl group; a (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a halo(C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a (C<sub>1</sub>-C<sub>6</sub>)alkoxy group; a halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy group; a (C<sub>1</sub>-C<sub>6</sub>)alkylthio group; a halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio group; a mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino group; a di(C<sub>1</sub>-C<sub>6</sub>)alkylamino group wherein the two alkyl groups may be the same or different; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups; a phenylamino group; a substituted phenylamino group having, on the ring, one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups; a phenyloxy group; a substituted phenyloxy group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-

C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups; a phenylthio group; a substituted phenylthio group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups; a heterocyclic group; or a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups;

R<sup>1</sup> may bond with A<sup>1</sup> to form a 4- to 7-membered ring which may contain, as a ring-constituting atom(s), one or two same or different atoms selected from oxygen, sulfur and nitrogen atoms;

R<sup>2</sup> and R<sup>3</sup> may be the same or different and are each a hydrogen

atom, a (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group or -A<sup>2</sup>-R<sup>5</sup> [wherein A<sup>2</sup> is -C(=O)-, -C(=S)-, -C(=NR<sup>6</sup>)- (wherein R<sup>6</sup> is a hydrogen atom; a (C<sub>1</sub>-C<sub>6</sub>)alkyl group; a (C<sub>1</sub>-C<sub>6</sub>)alkoxy group; a mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino group; a di(C<sub>1</sub>-C<sub>6</sub>)-alkylamino group wherein the two alkyl groups may be the same or different; a (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl group; a phenyl group; or a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups), a (C<sub>1</sub>-C<sub>8</sub>)alkylene group, a halo(C<sub>1</sub>-C<sub>8</sub>)alkylene group, a (C<sub>3</sub>-C<sub>6</sub>)alkenylene group, a halo(C<sub>3</sub>-C<sub>6</sub>)alkenylene group, a (C<sub>3</sub>-C<sub>6</sub>)alkynylene group or a halo(C<sub>3</sub>-C<sub>6</sub>)alkynylene group;

(1) when A<sup>2</sup> is -C(=O)-, -C(=S)- or -C(=NR<sup>6</sup>)- (wherein R<sup>6</sup> has the same definition as given above), R<sup>5</sup> is a hydrogen atom; a (C<sub>1</sub>-C<sub>6</sub>)alkyl group; a halo(C<sub>1</sub>-C<sub>6</sub>)-alkyl group; a (C<sub>1</sub>-C<sub>6</sub>)alkoxy group; a (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a halo(C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different,

and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups; a heterocyclic group; a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups; or -A<sup>3</sup>-R<sup>7</sup> (wherein A<sup>3</sup> is -O-, -S- or -N(R<sup>8</sup>)- (wherein R<sup>8</sup> is a hydrogen atom; a (C<sub>1</sub>-C<sub>6</sub>)-alkylcarbonyl group; a halo(C<sub>1</sub>-C<sub>6</sub>)alkylcarbonyl group; a (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl group; a phenylcarbonyl group; a substituted phenylcarbonyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups; a phenyl(C<sub>1</sub>-C<sub>4</sub>)alkoxycarbonyl group; or a substituted phenyl(C<sub>1</sub>-C<sub>4</sub>)alkoxycarbonyl group having, on the ring, one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-



C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups); and R<sup>7</sup> is a (C<sub>1</sub>-C<sub>6</sub>)alkyl group; a halo(C<sub>1</sub>-C<sub>6</sub>)alkyl group; a (C<sub>3</sub>-C<sub>6</sub>)alkenyl group; a halo(C<sub>3</sub>-C<sub>6</sub>)alkenyl group; a (C<sub>3</sub>-C<sub>6</sub>)alkynyl group; a halo(C<sub>3</sub>-C<sub>6</sub>)alkynyl group; a (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a halo(C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a (C<sub>1</sub>-C<sub>6</sub>)alkylcarbonyl group; a halo(C<sub>1</sub>-C<sub>6</sub>)alkylcarbonyl group; a (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl group; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups; a phenyl(C<sub>1</sub>-C<sub>4</sub>)alkyl group; a substituted phenyl(C<sub>1</sub>-C<sub>4</sub>)alkyl group having, on the ring, one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups; a heterocyclic group; or a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-

C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups);

(2) when A<sup>2</sup> is a (C<sub>1</sub>-C<sub>8</sub>)alkylene group, a halo(C<sub>1</sub>-C<sub>8</sub>)alkylene group, a (C<sub>3</sub>-C<sub>6</sub>)alkenylene group, a halo(C<sub>3</sub>-C<sub>6</sub>)alkenylene group, a (C<sub>3</sub>-C<sub>6</sub>)alkynylene group or a halo(C<sub>3</sub>-C<sub>6</sub>)alkynylene group, R<sup>5</sup> is a hydrogen atom; a halogen atom; a cyano group; a nitro group; a (C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl group; a halo(C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl group; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups; a heterocyclic group; a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups; or -A<sup>4</sup>-R<sup>9</sup> (wherein A<sup>4</sup> is -O-, -S-, -SO-, -SO<sub>2</sub>-,



-N(R<sup>8</sup>)- (R<sup>8</sup> has the same definition as given above), -C(=O)- or -C(=NOR<sup>4</sup>)- (R<sup>4</sup> has the same definition as given above);

(i) when A<sup>4</sup> is -O-, -S-, -SO-, -SO<sub>2</sub>- or -N(R<sup>8</sup>)- (R<sup>8</sup> has the same definition as given above), R<sup>9</sup> is a hydrogen atom; a (C<sub>1</sub>-C<sub>6</sub>)alkyl group; a halo(C<sub>1</sub>-C<sub>6</sub>)alkyl group; a (C<sub>3</sub>-C<sub>6</sub>)alkenyl group; a halo(C<sub>3</sub>-C<sub>6</sub>)alkenyl group; a (C<sub>3</sub>-C<sub>6</sub>)alkynyl group; a halo(C<sub>3</sub>-C<sub>6</sub>)alkynyl group; a (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a halo(C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a (C<sub>1</sub>-C<sub>6</sub>)alkylcarbonyl group; a halo(C<sub>1</sub>-C<sub>6</sub>)-alkylcarbonyl group; a (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl group; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups; a phenyl(C<sub>1</sub>-C<sub>4</sub>)alkyl group; a substituted phenyl(C<sub>1</sub>-C<sub>4</sub>)alkyl group having, on the ring, one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups; a heterocyclic group; or a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms,

cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups;

(ii) when A<sup>4</sup> is -C(=O)- or -C(=N-OR<sup>4</sup>)- (R<sup>4</sup> has the same definition as given above), R<sup>9</sup> is a hydrogen atom; a (C<sub>1</sub>-C<sub>6</sub>)alkyl group; a halo(C<sub>1</sub>-C<sub>6</sub>)alkyl group; a (C<sub>2</sub>-C<sub>6</sub>)alkenyl group; a halo(C<sub>2</sub>-C<sub>6</sub>)alkenyl group; a (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a halo(C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a (C<sub>1</sub>-C<sub>6</sub>)alkoxy group; a halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy group; a (C<sub>1</sub>-C<sub>6</sub>)alkylthio group; a halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio group; a mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino group; a di(C<sub>1</sub>-C<sub>6</sub>)alkylamino group wherein the two alkyl groups may be the same or different; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups; a phenylamino group; a substituted phenylamino group having, on the ring, one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups,

halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups; a phenyloxy group; a substituted phenyloxy group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups; a phenylthio group; a substituted phenylthio group having, on the ring, one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups; a heterocyclic group; or a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the

two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups)];

R<sup>2</sup> may bond with A<sup>1</sup> or R<sup>1</sup> to form a 4- to 7-membered ring which may contain, as a ring-constituting atom(s), one or two same or different atoms selected from oxygen, sulfur and nitrogen atoms;

Q<sup>1</sup> to Q<sup>4</sup> are each a carbon atom which may be substituted with X, and X may be the same or different, and is a halogen atom; a cyano group; a nitro group; a (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a halo(C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl group; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups; di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups; a heterocyclic group; a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups; or -A<sup>5</sup>-R<sup>10</sup> [wherein A<sup>5</sup> is -O-, -S-, -SO-, -SO<sub>2</sub>-, -C(=O)-, -C(=NOR<sup>4</sup>)- (R<sup>4</sup> has the same definition as given above),

a (C<sub>1</sub>-C<sub>6</sub>)alkylene group, a halo(C<sub>1</sub>-C<sub>6</sub>)alkylene group, a (C<sub>2</sub>-C<sub>6</sub>)alkenylene group, a halo(C<sub>2</sub>-C<sub>6</sub>)alkenylene group, a (C<sub>2</sub>-C<sub>6</sub>)alkynylene group or a halo(C<sub>2</sub>-C<sub>6</sub>)alkynylene group;

(1) when A<sup>5</sup> is -O-, -S-, -SO- or -SO<sub>2</sub>-, R<sup>10</sup> is a halo(C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a halo(C<sub>3</sub>-C<sub>6</sub>)cycloalkenyl group; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups; a heterocyclic group; a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups; or -A<sup>6</sup>-R<sup>11</sup> (wherein A<sup>6</sup> is a (C<sub>1</sub>-C<sub>6</sub>)alkylene group, a halo(C<sub>1</sub>-C<sub>6</sub>)-alkylene group, a (C<sub>3</sub>-C<sub>6</sub>)alkenylene group, a halo(C<sub>3</sub>-C<sub>6</sub>)-alkenylene group, a (C<sub>3</sub>-C<sub>6</sub>)alkynylene group or a halo(C<sub>3</sub>-C<sub>6</sub>)alkynylene group, and R<sup>11</sup> is a hydrogen atom; a halogen atom; a (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a halo(C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl group; a (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl group; a phenyl group; a substituted phenyl group having one or more same or different



substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups; or -A<sup>7</sup>-R<sup>12</sup> (wherein A<sup>7</sup> is -O-, -S-, -SO- or -SO<sub>2</sub>-, and R<sup>12</sup> is a (C<sub>1</sub>-C<sub>6</sub>)alkyl group; a halo(C<sub>1</sub>-C<sub>6</sub>)alkyl group; a (C<sub>3</sub>-C<sub>6</sub>)alkenyl group; a halo(C<sub>3</sub>-C<sub>6</sub>)alkenyl group; a (C<sub>3</sub>-C<sub>6</sub>)alkynyl group; a halo(C<sub>3</sub>-C<sub>6</sub>)alkynyl group; a (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a halo(C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups; a heterocyclic group; or a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups));



(2) when  $A^5$  is  $-C(=O)-$  or  $-C(=NOR^4)-$  ( $R^4$  has the same definition as given above),  $R^{10}$  is a  $(C_1-C_6)$ -alkyl group; a halo( $C_1-C_6$ )alkyl group; a  $(C_2-C_6)$ alkenyl group; a halo( $C_2-C_6$ )alkenyl group; a  $(C_3-C_6)$ cycloalkyl group; a halo( $C_3-C_6$ )cycloalkyl group; a  $(C_1-C_6)$ alkoxy group; a  $(C_1-C_6)$ alkylthio group; a mono( $C_1-C_6$ )alkylamino group; a di( $C_1-C_6$ )alkylamino group wherein the two alkyl groups may be the same or different; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group,  $(C_1-C_6)$ alkyl groups, halo( $C_1-C_6$ )alkyl groups,  $(C_1-C_6)$ alkoxy groups, halo( $C_1-C_6$ )alkoxy groups,  $(C_1-C_6)$ alkylthio groups, halo( $C_1-C_6$ )alkylthio groups,  $(C_1-C_6)$ alkylsulfinyl groups, halo( $C_1-C_6$ )-alkylsulfinyl groups,  $(C_1-C_6)$ alkylsulfonyl groups, halo( $C_1-C_6$ )alkylsulfonyl groups, mono( $C_1-C_6$ )alkylamino groups, di( $C_1-C_6$ )alkylamino groups wherein the two alkyl groups may be the same or different, and  $(C_1-C_6)$ -alkoxycarbonyl groups; a phenylamino group; a substituted phenylamino group having, on the ring, one or more same or different substituents selected from halogen atoms, cyano group, nitro group,  $(C_1-C_6)$ alkyl groups, halo( $C_1-C_6$ )alkyl groups,  $(C_1-C_6)$ alkoxy groups, halo( $C_1-C_6$ )alkoxy groups,  $(C_1-C_6)$ alkylthio groups, halo( $C_1-C_6$ )alkylthio groups,  $(C_1-C_6)$ alkylsulfinyl groups, halo( $C_1-C_6$ )alkylsulfinyl groups,  $(C_1-C_6)$ alkylsulfonyl groups, halo( $C_1-C_6$ )alkylsulfonyl groups, mono( $C_1-C_6$ )-alkylamino groups, di( $C_1-C_6$ )alkylamino groups wherein the two alkyl groups may be the same or different, and  $(C_1-C_6)$ alkoxycarbonyl groups; a heterocyclic group; or a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group,  $(C_1-C_6)$ alkyl groups, halo( $C_1-C_6$ )alkyl groups,  $(C_1-C_6)$ alkoxy groups, halo( $C_1-C_6$ )alkoxy groups,  $(C_1-C_6)$ alkylthio groups, halo( $C_1-C_6$ )alkylthio groups,  $(C_1-C_6)$ alkylsulfinyl

groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups;

(3) when A<sup>5</sup> is a (C<sub>1</sub>-C<sub>6</sub>)alkylene group, a halo(C<sub>1</sub>-C<sub>6</sub>)alkylene group, a (C<sub>2</sub>-C<sub>6</sub>)alkenylene group, a halo(C<sub>2</sub>-C<sub>6</sub>)alkenylene group, a (C<sub>2</sub>-C<sub>6</sub>)alkynylene group or a halo(C<sub>2</sub>-C<sub>6</sub>)alkynylene group, R<sup>10</sup> is a hydrogen atom; a halogen atom; a (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a halo(C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl group; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups; a heterocyclic group; a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups; or -A<sup>8</sup>-R<sup>13</sup> (wherein A<sup>8</sup> is -O-, -S-, -SO- or -SO<sub>2</sub>-, and R<sup>13</sup> is a (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a

halo(C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups; a heterocyclic group; a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups; or -A<sup>9</sup>-R<sup>14</sup> (wherein A<sup>9</sup> is a (C<sub>1</sub>-C<sub>6</sub>)alkylene group, a halo(C<sub>1</sub>-C<sub>6</sub>)alkylene group, a (C<sub>2</sub>-C<sub>6</sub>)alkenylene group, a halo(C<sub>2</sub>-C<sub>6</sub>)alkenylene group, a (C<sub>2</sub>-C<sub>6</sub>)alkynylene group or a halo(C<sub>3</sub>-C<sub>5</sub>)alkynylene group, and R<sup>14</sup> is a hydrogen atom; a halogen atom; a (C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl group; a halo(C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a (C<sub>1</sub>-C<sub>6</sub>)alkoxy group; a halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy group; a (C<sub>1</sub>-C<sub>6</sub>)alkylthio group; a halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio group; a (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl group; a halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl group; a (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl group; a halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl group; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl

groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups; a phenyloxy group; a substituted phenyloxy group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)-alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups; a phenylthio group; a substituted phenylthio group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups; a heterocyclic group; or a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups,

halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)-alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)-alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups));

the two Xs bonding to the adjacent two carbon atoms constituting the aromatic ring containing Q<sup>1</sup> to Q<sup>4</sup> may bond to each other to form a condensed ring; the condensed ring may have one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)-alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)-alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)-alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups;

Q<sup>5</sup> is a nitrogen atom or a carbon atom;

Y may be the same or different, and is a halogen atom; a cyano group; a nitro group; a halo(C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl group; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)-alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)-alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)-alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups; a heterocyclic group; a substituted heterocyclic group having one or more same or different



substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups; or -A<sup>5</sup>-R<sup>10</sup> (A<sup>5</sup> and R<sup>10</sup> each have the same definition as given above);

the two Ys bonding to the adjacent two carbon atoms constituting the aromatic ring containing Q<sup>5</sup> may bond to each other to form a condensed ring; the condensed ring may have one or more same or different substituents selected from halogen atoms, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, phenyl group, substituted phenyl groups having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups, heterocyclic groups, and substituted heterocyclic groups having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups,



halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups;

m is an integer of 0 to 5;

Z<sup>1</sup> and Z<sup>2</sup> may be the same or different and are each an oxygen atom or a sulfur atom.

Claim 2. (previously presented) An aromatic diamide compound or a salt thereof according to claim 1, wherein A<sup>1</sup> is a (C<sub>1</sub>-C<sub>8</sub>)alkylene group; a substituted (C<sub>1</sub>-C<sub>8</sub>) alkylene group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups and phenyl group; a (C<sub>3</sub>-C<sub>8</sub>)alkenylene group; a substituted (C<sub>3</sub>-C<sub>8</sub>)alkenylene group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylsulfonyl groups,

halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups and phenyl group; a (C<sub>3</sub>-C<sub>8</sub>)alkynylene group; or a substituted (C<sub>3</sub>-C<sub>8</sub>)alkynylene group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups and phenyl group;

in the (C<sub>1</sub>-C<sub>8</sub>)alkylene group, the substituted (C<sub>1</sub>-C<sub>8</sub>)alkylene group, the (C<sub>3</sub>-C<sub>8</sub>)alkenylene group, the substituted (C<sub>3</sub>-C<sub>8</sub>)alkenylene group, the (C<sub>3</sub>-C<sub>8</sub>)alkynylene group or the substituted (C<sub>3</sub>-C<sub>8</sub>)alkynylene group, any saturated carbon atom may be substituted with a (C<sub>2</sub>-C<sub>5</sub>)alkylene group to form a (C<sub>3</sub>-C<sub>6</sub>)cycloalkane ring; further in the (C<sub>1</sub>-C<sub>8</sub>)alkylene group, the substituted (C<sub>1</sub>-C<sub>8</sub>)alkylene group, the (C<sub>3</sub>-C<sub>8</sub>)alkenylene group or the substituted (C<sub>3</sub>-C<sub>8</sub>)alkenylene group, any two carbon atoms may be combined with an alkylene group or an alkenylene group to form a (C<sub>3</sub>-C<sub>6</sub>)cycloalkane ring or a (C<sub>3</sub>-C<sub>6</sub>)cycloalkene ring;

B is -C(=N-OR<sup>4</sup>)- (wherein R<sup>4</sup> is a hydrogen atom; a (C<sub>1</sub>-C<sub>6</sub>)alkyl group; a halo(C<sub>1</sub>-C<sub>6</sub>)alkyl group; a (C<sub>3</sub>-C<sub>6</sub>)alkenyl group; a halo(C<sub>3</sub>-C<sub>6</sub>)alkenyl group; a (C<sub>3</sub>-C<sub>6</sub>)alkynyl group; a (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a phenyl(C<sub>1</sub>-C<sub>4</sub>)alkyl group; or a substituted phenyl(C<sub>1</sub>-C<sub>4</sub>)alkyl group having, on the ring, one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-

C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups);

R<sup>1</sup> is a hydrogen atom; a (C<sub>1</sub>-C<sub>6</sub>)alkyl group; a halo(C<sub>1</sub>-C<sub>6</sub>)alkyl group; a (C<sub>2</sub>-C<sub>6</sub>)alkenyl group; a halo(C<sub>2</sub>-C<sub>6</sub>)alkenyl group; a (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a halo(C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a (C<sub>1</sub>-C<sub>6</sub>)alkoxy group; a halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy group; a (C<sub>1</sub>-C<sub>6</sub>)alkylthio group; a halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio group; a mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino group; a di(C<sub>1</sub>-C<sub>6</sub>)alkylamino group wherein the two alkyl groups may be the same or different; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups; a phenylamino group; a substituted phenylamino group having, on the ring, one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)-alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups; a

phenoxy group; a substituted phenoxy group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups; a phenylthio group; a substituted phenylthio group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups; a heterocyclic group; or a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups;

R<sup>1</sup> may bond with A<sup>1</sup> to form a 4- to 7-membered ring which may

contain, as a ring-constituting atom(s), one or two same or different atoms selected from oxygen, sulfur and nitrogen atoms;

$R^2$  and  $R^3$  may be the same or different and are each a hydrogen atom or a  $(C_1-C_6)$ alkyl group;

$Q^1$  to  $Q^4$  are each a carbon atom which may be substituted with X; X may be the same or different, and is a halogen atom, a nitro group, a  $(C_1-C_6)$ alkyl group, a halo $(C_1-C_6)$ alkyl group, a  $(C_2-C_6)$ alkenyl group, a halo $(C_2-C_6)$ alkenyl group, a  $(C_2-C_6)$ alkynyl group, a halo $(C_2-C_6)$ alkynyl group, a halo $(C_1-C_6)$ alkoxy group or a halo $(C_1-C_6)$ alkylthio group; the two Xs bonding to the adjacent two carbon atoms constituting the aromatic ring containing  $Q^1$  to  $Q^4$  may bond to each other to form a condensed ring; the condensed ring may have one or more same or different substituents selected from halogen atoms,  $(C_1-C_6)$ alkyl groups, halo $(C_1-C_6)$ alkyl groups,  $(C_1-C_6)$ alkoxy groups, halo $(C_1-C_6)$ alkoxy groups,  $(C_1-C_6)$ alkylthio groups, halo $(C_1-C_6)$ alkylthio groups,  $(C_1-C_6)$ alkylsulfinyl groups, halo $(C_1-C_6)$ alkylsulfinyl groups,  $(C_1-C_6)$ alkylsulfonyl groups and halo $(C_1-C_6)$ -alkylsulfonyl groups;

$Q^5$  is a nitrogen atom or a carbon atom;

Y may be the same or different when it is more than one, and is a halogen atom; a cyano group; a nitro group; a halo $(C_3-C_6)$ cycloalkyl group; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group,  $(C_1-C_6)$ alkyl groups, halo $(C_1-C_6)$ alkyl groups,  $(C_1-C_6)$ alkoxy groups, halo $(C_1-C_6)$ alkoxy groups,  $(C_1-C_6)$ alkylthio groups, halo $(C_1-C_6)$ alkylthio groups,  $(C_1-C_6)$ alkylsulfinyl groups, halo $(C_1-C_6)$ alkylsulfinyl groups,  $(C_1-C_6)$ alkylsulfonyl groups, halo $(C_1-C_6)$ alkylsulfonyl

groups, mono(C<sub>1</sub>-C<sub>6</sub>)-alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)-alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups; a heterocyclic group; a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)-alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)-alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)-alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups; or -A<sup>5</sup>-R<sup>10</sup> (A<sup>5</sup> and R<sup>10</sup> each have the same definition as given in claim 1);

the two Ys bonding to the adjacent two carbon atoms constituting the aromatic ring containing Q<sup>5</sup> may bond to each other to form a condensed ring; the condensed ring may have one or more same or different substituents selected from halogen atoms, (C<sub>1</sub>-C<sub>6</sub>)-alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfonyl groups, phenyl group, substituted phenyl groups having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)-alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)-alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)-alkylamino groups wherein the two alkyl groups may be the same



or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups, heterocyclic groups, and substituted heterocyclic groups having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups;

m is an integer of 0 to 5;

Z<sup>1</sup> and Z<sup>2</sup> are each an oxygen atom.

Claim 3. (previously presented) An aromatic diamide compound or a salt thereof according to claim 2, wherein A<sup>1</sup> is a (C<sub>1</sub>-C<sub>8</sub>)-alkylene group; a substituted (C<sub>1</sub>-C<sub>8</sub>) alkylene group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylthio(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups and phenyl group; a (C<sub>3</sub>-C<sub>8</sub>)alkenylene group; a substituted (C<sub>3</sub>-C<sub>8</sub>)alkenylene group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-

(C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfonyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups and phenyl group; a (C<sub>3</sub>-C<sub>8</sub>)alkynylene group; or a substituted (C<sub>3</sub>-C<sub>8</sub>)alkynylene group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxycarbonyl groups and phenyl group;

in the (C<sub>1</sub>-C<sub>8</sub>)alkylene group, the substituted (C<sub>1</sub>-C<sub>8</sub>)alkylene group, the (C<sub>3</sub>-C<sub>8</sub>)alkenylene group, the substituted (C<sub>3</sub>-C<sub>8</sub>) alkenylene group, the (C<sub>3</sub>-C<sub>8</sub>)-alkynylene group or the substituted (C<sub>3</sub>-C<sub>8</sub>)alkynylene group, any saturated carbon atom may be substituted with a (C<sub>2</sub>-C<sub>5</sub>)alkylene group to form a (C<sub>3</sub>-C<sub>6</sub>)cycloalkane ring; further in the (C<sub>1</sub>-C<sub>8</sub>)alkylene group, the substituted (C<sub>1</sub>-C<sub>8</sub>) alkylene group, the (C<sub>3</sub>-C<sub>8</sub>)alkenylene group or the substituted (C<sub>3</sub>-C<sub>8</sub>) alkenylene group, any two carbon atoms may be combined with an alkylene group or an alkenylene group to form a (C<sub>3</sub>-C<sub>6</sub>)cycloalkane ring or a (C<sub>3</sub>-C<sub>6</sub>)cycloalkene ring;

B is -C(=N-OR<sup>4</sup>)- (wherein R<sup>4</sup> is a hydrogen atom; a (C<sub>1</sub>-C<sub>6</sub>)alkyl group; a halo(C<sub>1</sub>-C<sub>6</sub>)alkyl group; a (C<sub>3</sub>-C<sub>6</sub>)alkenyl group; a halo(C<sub>3</sub>-C<sub>6</sub>)alkenyl group; a (C<sub>3</sub>-C<sub>6</sub>)alkynyl group; a (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a phenyl(C<sub>1</sub>-C<sub>4</sub>)alkyl group; or a substituted phenyl(C<sub>1</sub>-C<sub>4</sub>)alkyl group having, on the ring, one or more same or different substituents selected from halogen atoms, cyano group, nitro

group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups);

R<sup>1</sup> is a hydrogen atom; a (C<sub>1</sub>-C<sub>6</sub>)alkyl group; a halo(C<sub>1</sub>-C<sub>6</sub>)alkyl group; a (C<sub>2</sub>-C<sub>6</sub>)alkenyl group; a halo(C<sub>2</sub>-C<sub>6</sub>)alkenyl group; a (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a halo(C<sub>3</sub>-C<sub>6</sub>)cycloalkyl group; a (C<sub>1</sub>-C<sub>6</sub>)alkoxy group; a halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy group; a (C<sub>1</sub>-C<sub>6</sub>)alkylthio group; a halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio group; a mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino group; a di(C<sub>1</sub>-C<sub>6</sub>)alkylamino group wherein the two alkyl groups may be the same or different; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups; a phenylamino group; a substituted phenylamino group having, on the ring, one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl

groups, mono(C<sub>1</sub>-C<sub>6</sub>)-alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)-alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups; a phenyloxy group; a substituted phenyloxy group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)-alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)-alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)-alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups; a phenylthio group; a substituted phenylthio group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)-alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)-alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)-alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-alkoxycarbonyl groups; a heterocyclic group; or a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C<sub>1</sub>-C<sub>6</sub>)-alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkoxy groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylthio groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups, (C<sub>1</sub>-C<sub>6</sub>)-alkylsulfonyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfonyl groups, mono(C<sub>1</sub>-C<sub>6</sub>)-alkylamino groups, di(C<sub>1</sub>-C<sub>6</sub>)-alkylamino groups wherein the two alkyl groups may be the same or different, and (C<sub>1</sub>-C<sub>6</sub>)-

alkoxycarbonyl groups;

$R^1$  may bond with  $A^1$  to form a 4- to 7-membered ring which may contain, as a ring-constituting atom(s), one or two same or different atoms selected from oxygen, sulfur and nitrogen atoms;

$R^2$  and  $R^3$  may be the same or different and are each a hydrogen atom or a  $(C_1-C_6)$ alkyl group;

$Q^1$  to  $Q^4$  are each a carbon atom which may be substituted with X; X may be the same or different when it is more than one, and is a halogen atom, a nitro group, a  $(C_1-C_6)$ alkyl group, a halo( $C_1-C_6$ )alkyl group, a  $(C_2-C_6)$ alkenyl group, a halo( $C_2-C_6$ )alkenyl group, a  $(C_2-C_6)$ alkynyl group, a halo( $C_2-C_6$ )alkynyl group, a halo( $C_1-C_6$ )alkoxy group or a halo( $C_1-C_6$ )alkylthio group; the two Xs bonding to the adjacent two carbon atoms constituting the aromatic ring containing  $Q^1$  to  $Q^4$  may bond to each other to form a condensed ring; the condensed ring may have one or more same or different substituents selected from halogen atoms,  $(C_1-C_6)$ alkyl groups, halo( $C_1-C_6$ )alkyl groups,  $(C_1-C_6)$ alkoxy groups, halo( $C_1-C_6$ )alkoxy groups,  $(C_1-C_6)$ alkylthio groups, halo( $C_1-C_6$ )alkylthio groups,  $(C_1-C_6)$ alkylsulfinyl groups, halo( $C_1-C_6$ )alkylsulfinyl groups,  $(C_1-C_6)$ alkylsulfonyl groups and halo( $C_1-C_6$ )alkylsulfonyl groups;

$Q^5$  is a nitrogen atom or a carbon atom;

Y may be the same or different when it is more than one, and is a halogen atom; a  $(C_1-C_6)$ alkyl group; a halo( $C_1-C_6$ )alkyl group; a  $(C_1-C_6)$ alkoxy group; a halo( $C_1-C_6$ )alkoxy group; a  $(C_1-C_6)$ alkylthio group; a halo( $C_1-C_6$ )alkylthio group; a  $(C_1-C_6)$ alkylsulfinyl group; a halo( $C_1-C_6$ )alkylsulfinyl group; a  $(C_1-C_6)$ alkylsulfonyl group; a halo( $C_1-C_6$ )alkylsulfonyl group; a halo( $C_1-C_6$ )alkoxy

halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy group; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups and halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups; a phenyloxy group; a substituted phenyloxy group having one or more same or different substituents selected from halogen atoms, cyano group, halo(C<sub>1</sub>-C<sub>6</sub>)-alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups and halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups; a pyridyloxy group; or a substituted pyridyloxy group having one or more same or different substituents selected from halogen atoms, cyano group, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)-alkylsulfinyl groups and halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups;

the two Ys bonding to the adjacent two carbon atoms constituting the aromatic ring containing Q<sup>5</sup> may bond to each other to form a condensed ring; the condensed ring may have one or more same or different substituents selected from halogen atoms; (C<sub>1</sub>-C<sub>6</sub>)alkyl groups; halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups; (C<sub>1</sub>-C<sub>6</sub>)alkoxy groups; halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups; (C<sub>1</sub>-C<sub>6</sub>)alkylthio groups; halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups; (C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups; halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups; (C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups; halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups; phenyl group; and substituted phenyl groups having one or more same or different substituents selected from halogen atoms, halo(C<sub>1</sub>-C<sub>6</sub>)alkyl groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkoxy groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylthio groups, halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfinyl groups and halo(C<sub>1</sub>-C<sub>6</sub>)alkylsulfonyl groups;

m is an integer of 1 to 5;

Z<sup>1</sup> and Z<sup>2</sup> are each an oxygen atom.



Claim 4. (previously presented) An agrohorticultural composition characterized by containing, as an effective ingredient, an aromatic diamide compound or a salt thereof according to claim 1 and an inert carrier.

Claim 5. (cancelled) A method for using an agrohorticultural composition according to claim 6, wherein the agrohorticultural composition is an insecticide.

Claim 6. (previously presented) A method for using an agrohorticultural composition according to claim 4, characterized by applying the agrohorticultural composition to a target crop or soil in an effective amount to protect the crop or soil from pests.